

Dialog 10/759,526  
7/14/2006 LLM

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\* HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog \*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\* HHHHHHHH SSSSSSSS? \*\*\*\*\*

### Status: Login successfulWelcome to DIALOG

Dialog level 05.12.03D

Last logoff: 12jul06 14:48:29

Logon file405 14jul06 14:27:44

\*\*\* ANNOUNCEMENTS \*\*\*

\*\*\*

NEW FILES RELEASED

\*\*\*Trademarkscan - South Korea (File 655)

\*\*\*Regulatory Affairs Journals (File 183)

\*\*\*Index Chemicus (File 302)

\*\*\*Inspec (File 202)

RESUMED UPDATING

\*\*\*File 141, Reader's Guide Abstracts

\*\*\*

RELOADS COMPLETED

\*\*\*File 516, D&B--Dun's Market Identifiers

\*\*\*File 523, D&B European Dun's Market Identifiers

\*\*\*File 531, American Business Directory

\*\*\* MEDLINE has been reloaded with the 2006 MeSH (Files 154 & 155)

\*\*\* The 2005 reload of the CLAIMS files (Files 340, 341, 942)

is now available online.

\*\*\*

DATABASES REMOVED

\*\*\*File 196, FINDEX

\*\*\*File 468, Public Opinion Online (POLL)

Chemical Structure Searching now available in Prous Science Drug Data Report (F452), Prous Science Drugs of the Future (F453), IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus (File 302).

\*\*\*

>>>For the latest news about Dialog products, services, content<<<

>>>and events, please visit What's New from Dialog at <<<

>>><http://www.dialog.com/whatsnew/>. You can find news about<<<

>>>a specific database by entering HELP NEWS <file number>.<<<

\* \* \*

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery

7. Data Star(R)

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

?

Terminal set to DLINK

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
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Connections:

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

? b biosci

>>> 44 is unauthorized

>>> 76 is unauthorized

>>>2 of the specified files are not available

14jul06 14:27:53 User276741 Session D162.1

\$0.00 0.218 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.03 TELNET

\$0.03 Estimated cost this search

\$0.03 Estimated total session cost 0.218 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2006/Jul W2

(c) 2006 The Thomson Corporation

File 24:CSA Life Sciences Abstracts 1966-2006/May

(c) 2006 CSA.

File 28:Oceanic Abstracts 1966-2006/May

(c) 2006 CSA.

File 34:SciSearch(R) Cited Ref Sci 1990-2006/Jul W2

(c) 2006 The Thomson Corp

File 35:Dissertation Abs Online 1861-2006/Jun

(c) 2006 ProQuest Info&Learning

File 40:Enviroline(R) 1975-2006/May

File 41:Pollution Abstracts 1966-2006/May

(c) 2006 CSA.

File 50:CAB Abstracts 1972-2006/Jun

(c) 2006 CAB International  
File 65:Inside Conferences 1993-2006/Jul 14  
(c) 2006 BLDSC all rts. reserv.  
File 71:ELSEVIER BIOBASE 1994-2006/Jul W2  
(c) 2006 Elsevier Science B.V.  
File 73:EMBASE 1974-2006/Jul 14  
(c) 2006 Elsevier Science B.V.  
File 91:MANTIS(TM) 1880-2006/Jan  
2001 (c) Action Potential  
File 94:JICST-EPlus 1985-2006/Apr W3  
(c)2006 Japan Science and Tech Corp(JST)  
File 98:General Sci Abs 1984-2005/Jan  
(c) 2006 The HW Wilson Co.  
File 110:WasteInfo 1974-2002/Jul  
(c) 2002 AEA Techn Env.  
**\*File 110: This file is closed (no updates)**  
File 135:NewsRx Weekly Reports 1995-2006/Jul W2  
(c) 2006 NewsRx  
File 136:BioEngineering Abstracts 1966-2006/May  
(c) 2006 CSA.  
File 143:Biol. & Agric. Index 1983-2006/Jun  
(c) 2006 The HW Wilson Co  
File 144:Pascal 1973-2006/Jun W3  
(c) 2006 INIST/CNRS  
File 155:MEDLINE(R) 1950-2006/Jul 14  
(c) format only 2006 Dialog  
File 164:Allied & Complementary Medicine 1984-2006/Jul  
(c) 2006 BLHCIS  
File 172:EMBASE Alert 2006/Jul 14  
(c) 2006 Elsevier Science B.V.  
File 185:Zoological Record Online(R) 1978-2006/Jul  
(c) 2006 The Thomson Corp.  
File 357:Derwent Biotech Res. \_1982-2006/Jul W2  
(c) 2006 The Thomson Corp.  
File 369:New Scientist 1994-2006/Jun W4  
(c) 2006 Reed Business Information Ltd.  
File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS  
**\*File 370: This file is closed (no updates). Use File 47 for more current information.**  
File 391:Beilstein Reactions 2006/Q2  
(c) 2006 Beilstein GmbH  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp  
File 467:ExtraMED(tm) 2000/Dec  
(c) 2001 Informania Ltd.  
**\*File 467: F467 will close on February 1, 2006.** 7.

Set	Items	Description
---	-----	-----
?	s	((electromagnetic (w) energy) or (X-ray (w) radiation) or (ultraviolet (w) radiation) or (UV (w) radiation) or (visible (w) radiation) or (infrared (w) radiation) or (microwave (w) radiation) or (radiofrequency (w) radiation) or (radio (w) frequency (w) radiation) or (radio (w) wave (w) radiation)) and ((cell (w) cycle) or (cell (w) proliferation) or (cell (w) division) or mitosis)
		Processing
		Processing
		Processed 10 of 29 files ...
		Processing
		Processing

Processing

Processed 20 of 29 files ...

Processing

Completed processing all files

451019	ELECTROMAGNETIC
3486219	ENERGY
3316	ELECTROMAGNETIC (W) ENERGY
112397	X-RAY
2081365	RADIATION
0	X-RAY (W) RADIATION
511863	ULTRAVIOLET
2081365	RADIATION
113763	ULTRAVIOLET (W) RADIATION
656091	UV
2081365	RADIATION
38771	UV (W) RADIATION
402853	VISIBLE
2081365	RADIATION
13939	VISIBLE (W) RADIATION
679314	INFRARED
2081365	RADIATION
43880	INFRARED (W) RADIATION
316286	MICROWAVE
2081365	RADIATION
17804	MICROWAVE (W) RADIATION
71474	RADIOFREQUENCY
2081365	RADIATION
3026	RADIOFREQUENCY (W) RADIATION
401170	RADIO
2706736	FREQUENCY
2081365	RADIATION
618	RADIO (W) FREQUENCY (W) RADIATION
401170	RADIO
1286363	WAVE
2081365	RADIATION
20	RADIO (W) WAVE (W) RADIATION
14039810	CELL
2048032	CYCLE
451726	CELL (W) CYCLE
14039810	CELL
1171221	PROLIFERATION
549282	CELL (W) PROLIFERATION
14039810	CELL
664519	DIVISION
298459	CELL (W) DIVISION
179786	MITOSIS
S1 4081	((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR (ULTRAVIOLET (W) RADIATION) OR (UV (W) RADIATION) OR (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICROWAVE (W) RADIATION) OR (RADIOFREQUENCY (W) RADIATION) OR (RADIO (W) FREQUENCY (W) RADIATION) OR (RADIO (W) WAVE (W) RADIATION)) AND ((CELL (W) CYCLE) OR (CELL (W) PROLIFERATION) OR (CELL (W) DIVISION) OR MITOSIS)

? s ((electromagnetic (w) energy) or (X-ray (w) radiation) or (ultraviolet (w) radiation) or (UV (w) radiation) or (visible (w) radiation) or (infrared (w) radiation) or (microwave (w) radiation) or (radiofrequency (w) radiation) or (radio (w) frequency (w) radiation) or (radio (w) wave (w) radiation)) (s) ((cell (w) cycle) or (cell (w) proliferation) or (cell (w) division) or mitosis)

Processing

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Processing
Processed 10 of 29 files ...
Processing
Processing
Processing
Processed 20 of 29 files ...
Completed processing all files
    451019 ELECTROMAGNETIC
    3486219 ENERGY
    3316 ELECTROMAGNETIC (W) ENERGY
    112397 X-RAY
    2081365 RADIATION
    0 X-RAY (W) RADIATION
    511863 ULTRAVIOLET
    2081365 RADIATION
    113763 ULTRAVIOLET (W) RADIATION
    656091 UV
    2081365 RADIATION
    38771 UV (W) RADIATION
    402853 VISIBLE
    2081365 RADIATION
    13939 VISIBLE (W) RADIATION
    679314 INFRARED
    2081365 RADIATION
    43880 INFRARED (W) RADIATION
    316286 MICROWAVE
    2081365 RADIATION
    17804 MICROWAVE (W) RADIATION
    71474 RADIOFREQUENCY
    2081365 RADIATION
    3026 RADIOFREQUENCY (W) RADIATION
    401170 RADIO
    2706736 FREQUENCY
    2081365 RADIATION
    618 RADIO (W) FREQUENCY (W) RADIATION
    401170 RADIO
    1286363 WAVE
    2081365 RADIATION
    20 RADIO (W) WAVE (W) RADIATION
    14039810 CELL
    2048032 CYCLE
    451726 CELL (W) CYCLE
    14039810 CELL
    1171221 PROLIFERATION
    549282 CELL (W) PROLIFERATION
    14039810 CELL
    664519 DIVISION
    298459 CELL (W) DIVISION
    179786 MITOSIS
S2    1627 ((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION)
OR (ULTRAVIOLET (W) RADIATION) OR (UV (W) RADIATION) OR
(VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR
(MICROWAVE (W) RADIATION) OR (RADIOFREQUENCY
(W) RADIATION) OR (RADIO (W) FREQUENCY (W) RADIATION) OR
(RADIO (W) WAVE (W) RADIATION)) (S) ((CELL (W) CYCLE) OR
(CELL (W) PROLIFERATION) OR (CELL (W) DIVISION) OR
MITOSIS)
? s s2 and ((cell (w) cycle (w) regulator) or (signal (w) transduction (w)
protein) or (transcription (w) factor) or (DNA (w) synthesis (w) protein) or
(angiotensin (w) receptor))
Processing

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Processing
Processed 10 of 29 files ...
Processing
Processing
Processed 20 of 29 files ...
Processing
Completed processing all files
    1627 S2
    14039810 CELL
    2048032 CYCLE
    358004 REGULATOR
    4193 CELL (W) CYCLE (W) REGULATOR
    2204623 SIGNAL
    883959 TRANSDUCTION
    9234598 PROTEIN
    15678 SIGNAL (W) TRANSDUCTION (W) PROTEIN
    1592572 TRANSCRIPTION
    5584355 FACTOR
    393020 TRANSCRIPTION (W) FACTOR
    4912651 DNA
    6019214 SYNTHESIS
    9234598 PROTEIN
    1893 DNA (W) SYNTHESIS (W) PROTEIN
    422900 ANGIOTENSIN
    4197381 RECEPTOR
    22344 ANGIOTENSIN (W) RECEPTOR
S3      93 S2 AND ((CELL (W) CYCLE (W) REGULATOR) OR (SIGNAL (W)
        TRANSDUCTION (W) PROTEIN) OR (TRANSCRIPTION (W) FACTOR)
        OR (DNA (W) SYNTHESIS (W) PROTEIN) OR (ANGIOTENSIN (W)
        RECEPTOR))
? s s3 and fibroblast
    93 S3
    409162 FIBROBLAST
S4      8 S3 AND FIBROBLAST
? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
S5      6 RD (unique items)
? t s5/free/1-6

5/8/1 (Item 1 from file: 5)
0014561261 BIOSIS NO.: 200300516624
ATM-dependent and -independent gene expression changes in response to
oxidative stress, gamma irradiation, and UV irradiation.
2003

5/8/2 (Item 2 from file: 5)
0011883074 BIOSIS NO.: 199900142734
Rapid dephosphorylation of p107 following UV irradiation
1999

5/8/3 (Item 3 from file: 5)
0010692775 BIOSIS NO.: 199799326835
Three distinct signalling responses by murine fibroblasts to genotoxic
stress
1996

```

5/8/4 (Item 1 from file: 73)  
11205962 EMBASE No: 2001218907

**Cyclin G1 is involved in G2/M arrest in response to DNA damage and in growth control after damage recovery**  
2001

5/8/5 (Item 1 from file: 144)  
DIALOG(R)File 144:(c) 2006 INIST/CNRS. All rts. reserv.

13162590 PASCAL No.: 97-0424133  
**Differential activation of p53 targets in cells treated with ultraviolet radiation that undergo both apoptosis and growth arrest**  
1997

English Descriptors: **Transcription factor** ; Ultraviolet irradiation;  
Cell culture; **Fibroblast** ; Biological activity; Cell cycle; Apoptosis;  
Mechanism of action; Protein p53  
Broad Descriptors: Biophysics; Radiobiology; Biophysique; Radiobiologie;  
Biofisica; Radiobiologia

French Descriptors: Facteur transcription; Irradiation UV; Culture  
cellulaire; Fibroblaste; Activite biologique; Cycle cellulaire; Apoptose;  
Mecanisme action; Proteine p53

Classification Codes: 002A04H04

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5/8/6 (Item 1 from file: 357)  
0367165 DBR Accession No.: 2005-12873  
**Accelerating the cell cycle , useful for electromagnetic activation of gene expression and cell growth, comprises delivering to a cell an effective amount of electromagnetic energy to accelerate the cell cycle of the cell - cell cycle acceleration using electromagnetic energy for use in gene expression activation** 2005  
? t s5/medium/1-5

5/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 The Thomson Corporation. All rts. reserv.

0014561261 BIOSIS NO.: 200300516624  
**ATM-dependent and -independent gene expression changes in response to oxidative stress, gamma irradiation, and UV irradiation.**  
AUTHOR: Heinloth Alexandra N; Shackelford Rodney E; Innes Cynthia L;  
Bennett Lee; Li Leping; Amin Rupesh P; Sieber Stella O; Flores Kristina G  
; Bushel Pierre R; Paules Richard S (Reprint)  
AUTHOR ADDRESS: Growth Control and Cancer Group, National Institute of  
Environmental Health Sciences, 111 Alexander Drive, Mail Drop D2-03, P.O.  
Box 12233, Research Triangle Park, NC, 27709, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: paules@niehs.nih.gov  
JOURNAL: Radiation Research 160 (3): p273-290 September 2003 2003  
MEDIUM: print  
ISSN: 0033-7587 \_(ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract



LANGUAGE: English

**5/3/2 (Item 2 from file: 5)**

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 The Thomson Corporation. All rts. reserv.

0011883074 BIOSIS NO.: 199900142734

**Rapid dephosphorylation of p107 following UV irradiation**

AUTHOR: Voorhoeve P Mathijs; Watson Roger J; Farlie Peter G; Bernards Rene;  
Lam Eric W-F (Reprint)

AUTHOR ADDRESS: Ludwig Inst. Cancer Res., Dep. Med. Microbiol., Imperial  
College Sch. Med. St. Mary's, Norfolk Place, London W2 1PG, UK\*\*UK

JOURNAL: Oncogene 18 (3): p679-688 Jan., 1999 1999

MEDIUM: print

ISSN: 0950-9232

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**5/3/3 (Item 3 from file: 5)**

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 The Thomson Corporation. All rts. reserv.

0010692775 BIOSIS NO.: 199799326835

**Three distinct signalling responses by murine fibroblasts to genotoxic stress**

AUTHOR: Liu Zheng-Gang; Baskaran Rajasekaran; Lea-Chou Elaine T; Wood  
Lauren D; Chen Yan; Karin Michael (Reprint); Wang Jean Y J

AUTHOR ADDRESS: Dep. Pharmacol., Program Biomed. Sci., Sch. Med., Univ.  
California, San Diego, 9500 Gilman Dr., La Jolla, CA 92093, USA\*\*USA

JOURNAL: Nature (London) 384 (6606): p273-276 1996 1996

ISSN: 0028-0836

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**5/3/4 (Item 1 from file: 73)**

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier Science B.V. All rts. reserv.

11205962 EMBASE No: 2001218907

**Cyclin G1 is involved in G2/M arrest in response to DNA damage and in growth control after damage recovery**

Kimura S.H.; Ikawa M.; Ito A.; Okabe M.; Nojima H.

H. Nojima, Department of Molecular Genetics, Res. Inst. for Microbial  
Diseases, Osaka University, 3-1 Yamadaoka, Suita, Osaka 565-0871 Japan

Oncogene ( ONCOGENE ) (United Kingdom) 2001, 20/25 (3290-3300)

CODEN: ONCNE ISSN: 0950-9232

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 53

**5/3/5 (Item 1 from file: 144)**

DIALOG(R)File 144:Pascal

(c) 2006 INIST/CNRS. All rts. reserv.



13162590 PASCAL No.: 97-0424133

**Differential activation of p53 targets in cells treated with ultraviolet radiation that undergo both apoptosis and growth arrest**

REINKE V; LOZANO G

Department of Molecular Genetics, The University of Texas, M. D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, Texas 77030, United States

Journal: Radiation research, 1997, 148 (2) 115-122

Language: English

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? s s2 and (((cell (w) cycle (w) regulator) or (signal (w) transduction (w) protein) or (transcription (w) factor) or (DNA (w) synthesis (w) protein) or (angiotensin (w) receptor)) with (activate or activation or increase or induce))

>>>Invalid syntax

? s s2 and (((cell (w) cycle (w) regulator) or (signal (w) transduction (w) protein) or (transcription (w) factor) or (DNA (w) synthesis (w) protein) or (angiotensin (w) receptor)) (3n) (activate or activation or increase or induce))

Processing

Processing

Processed 10 of 29 files ...

Processing

Processing

Processing

Processed 20 of 29 files ...

Completed processing all files

	1627	S2
14039810	CELL	
2048032	CYCLE	
358004	REGULATOR	
4193	CELL (W) CYCLE (W) REGULATOR	
2204623	SIGNAL	
883959	TRANSDUCTION	
9234598	PROTEIN	
15678	SIGNAL (W) TRANSDUCTION (W) PROTEIN	
1592572	TRANSCRIPTION	
5584355	FACTOR	
393020	TRANSCRIPTION (W) FACTOR	
4912651	DNA	
6019214	SYNTHESIS	
9234598	PROTEIN	
1893	DNA (W) SYNTHESIS (W) PROTEIN	
422900	ANGIOTENSIN	
4197381	RECEPTOR	
22344	ANGIOTENSIN (W) RECEPTOR	
310785	ACTIVATE	
3099898	ACTIVATION	
5501819	INCREASE	
1016158	INDUCE	
22986	(( (CELL (W) CYCLE (W) REGULATOR OR SIGNAL (W) TRANSDUCTION (W) PROTEIN) OR TRANSCRIPTION (W) FACTOR) OR DNA (W) SYNTHESIS (W) PROTEIN) . . . . .	
S6	8	S2 AND (((CELL (W) CYCLE (W) REGULATOR) OR (SIGNAL (W) TRANSDUCTION (W) PROTEIN) OR (TRANSCRIPTION (W) FACTOR) OR (DNA (W) SYNTHESIS (W) PROTEIN) OR (ANGIOTENSIN (W) RECEPTOR)) (3N) (ACTIVATE OR ACTIVATION OR INCREASE OR INDUCE))

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S7 3 RD (unique items)  
? t s7/medium/all

7/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 The Thomson Corporation. All rts. reserv.

0012863975 BIOSIS NO.: 200100035814  
Activation of the transcription factor Oct-1 in response to DNA  
damage  
AUTHOR: Zhao Hongcheng; Jin Shunqian; Fan Feiyue; Fan Wenhong; Tong Tong;  
Zhan Qimin (Reprint)  
AUTHOR ADDRESS: Pittsburgh Cancer Institute, University of Pittsburgh  
School of Medicine, 200 Lothrop Street, BST W-945, Pittsburgh, PA, 15213,  
USA\*\*USA  
JOURNAL: Cancer Research 60 (22): p6276-6280 November 15, 2000 2000  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

7/3/2 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2006 INIST/CNRS. All rts. reserv.

14919657 PASCAL No.: 01-0069657  
Activation of the transcription factor Oct-1 in response to DNA  
damage  
HONGCHENG ZHAO; SHUNQIAN JIN; FEIYUE FAN; WENHONG FAN; TONG TONG; QIMIN  
ZHAN  
Department of Radiation Oncology, Pittsburgh Cancer Institute, University  
of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania 15213, United  
States  
Journal: Cancer research : (Baltimore), 2000, 60 (22) 6276-6280  
Language: English

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7/3/3 (Item 1 from file: 357)  
DIALOG(R)File 357:Derwent Biotech Res.  
(c) 2006 The Thomson Corp. All rts. reserv.

0367165 DBR Accession No.: 2005-12873 PATENT  
Accelerating the cell cycle , useful for electromagnetic activation of  
gene expression and cell growth, comprises delivering to a cell an  
effective amount of electromagnetic energy to accelerate the cell  
cycle of the cell - cell cycle acceleration using  
electromagnetic energy for use in gene expression activation  
AUTHOR: GEORGE F R; MOFFETT J  
PATENT ASSIGNEE: GEORGE F R; MOFFETT J 2005  
PATENT NUMBER: US 20050059153 PATENT DATE: 20050317 WPI ACCESSION NO.:  
2005-240920 (200525)  
PRIORITY APPLIC. NO.: US 759526 APPLIC. DATE: 20040116  
NATIONAL APPLIC. NO.: US 759526 APPLIC. DATE: 20040116

LANGUAGE: English

? s ((electromagnetic (w) energy) or (X-ray (w) radiation) or (visible (w) radiation) or (infrared (w) radiation) or (microwave (w) radiation) or (radiofrequency (w) radiation) or (radio (w) frequency (w) radiation) or (radio (w) wave (w) radiation)) (s) ((cell (w) cycle) or (cell (w) proliferation) or (cell (w) division) or mitosis)

Processing

Processing

Processed 10 of 29 files ...

Processing

Processing

Processing

Processed 20 of 29 files ...

Completed processing all files

451019	ELECTROMAGNETIC
3486219	ENERGY
3316	ELECTROMAGNETIC (W) ENERGY
112397	X-RAY
2081365	RADIATION
0	X-RAY (W) RADIATION
402853	VISIBLE
2081365	RADIATION
13939	VISIBLE (W) RADIATION
679314	INFRARED
2081365	RADIATION
43880	INFRARED (W) RADIATION
316286	MICROWAVE
2081365	RADIATION
17804	MICROWAVE (W) RADIATION
71474	RADIOFREQUENCY
2081365	RADIATION
3026	RADIOFREQUENCY (W) RADIATION
401170	RADIO
2706736	FREQUENCY
2081365	RADIATION
618	RADIO (W) FREQUENCY (W) RADIATION
401170	RADIO
1286363	WAVE
2081365	RADIATION
20	RADIO (W) WAVE (W) RADIATION
14039810	CELL
2048032	CYCLE
451726	CELL (W) CYCLE
14039810	CELL
1171221	PROLIFERATION
549282	CELL (W) PROLIFERATION
14039810	CELL
664519	DIVISION
298459	CELL (W) DIVISION
179786	MITOSIS
S8	77 ((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICROWAVE (W) RADIATION) OR (RADIOFREQUENCY (W) RADIATION) OR (RADIO (W) FREQUENCY (W) RADIATION) OR (RADIO (W) WAVE (W) RADIATION)) (S) ((CELL (W) CYCLE) OR (CELL (W) PROLIFERATION) OR (CELL (W) DIVISION) OR MITOSIS)

? s s8 and (((cell (w) cycle (w) regulator) or (signal (w) transduction (w) protein) or (transcription (w) factor) or (DNA (w) synthesis (w) protein) or (angiotensin (w) receptor)) (3n) (activate or activation or increase or induce))

Processing  
 Processing  
 Processed 10 of 29 files ...  
 Processing  
 Processing  
 Processing  
 Processed 20 of 29 files ...  
 Completed processing all files

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      77 S8
14039810 CELL
2048032 CYCLE
358004 REGULATOR
4193 CELL(W)CYCLE(W)REGULATOR
2204623 SIGNAL
883959 TRANSDUCTION
9234598 PROTEIN
15678 SIGNAL(W)TRANSDUCTION(W)PROTEIN
1592572 TRANSCRIPTION
5584355 FACTOR
393020 TRANSCRIPTION(W)FACTOR
4912651 DNA
6019214 SYNTHESIS
9234598 PROTEIN
1893 DNA(W)SYNTHESIS(W)PROTEIN
422900 ANGIOTENSIN
4197381 RECEPTOR
22344 ANGIOTENSIN(W)RECEPTOR
310785 ACTIVATE
3099898 ACTIVATION
5501819 INCREASE
1016158 INDUCE
22986 ((CELL(W)CYCLE(W)REGULATOR OR
SIGNAL(W)TRANSDUCTION(W)PROTEIN) OR
TRANSCRIPTION(W)FACTOR) OR
DNA(W)SYNTHESIS(W)PROTEIN).....
S9      1 S8 AND (((CELL(W)CYCLE(W)REGULATOR) OR (SIGNAL(W)
TRANSDUCTION(W)PROTEIN) OR (TRANSCRIPTION(W)FACTOR)
OR (DNA(W)SYNTHESIS(W)PROTEIN) OR (ANGIOTENSIN(W)
RECEPTOR)) (3N) (ACTIVATE OR ACTIVATION OR INCREASE OR
INDUCE))

```

? t s9/free

9/8/1 (Item 1 from file: 357)

0367165 DBR Accession No.: 2005-12873

**Accelerating the cell cycle , useful for electromagnetic activation of  
 gene expression and cell growth, comprises delivering to a cell an  
 effective amount of electromagnetic energy to accelerate the cell  
 cycle of the cell - cell cycle acceleration using  
 electromagnetic energy for use in gene expression activation 2005**

? s ((electromagnetic (w) energy) or (X-ray (w) radiation) or (ultraviolet  
 (w) radiation) or (UV (w) radiation) or (visible (w) radiation) or (infrared  
 (w) radiation) or (microwave (w) radiation) or (radiofrequency (w) radiation)  
 or (radio (w) frequency (w) radiation) or (radio (w) wave (w) radiation)) (s)  
 (((cell (w) cycle (w) regulator) or cyclin or (cyclin (w) dependent (w)  
 kinase) or cdK or cdk7 or cdk5 or cdk6 or clk1 or cks2 or LHx1 or (cell (w)  
 cycle (w) regulated (w) kinase) or cdc20 or (CDK (w) inhibitor))(3n) (activate  
 or activated or induce or increase))

Processing  
 Processing  
 Processed 10 of 29 files ...  
 Processing

Processing

Processing

Processed 20 of 29 files ...

Completed processing all files

451019	ELECTROMAGNETIC
3486219	ENERGY
3316	ELECTROMAGNETIC (W) ENERGY
112397	X-RAY
2081365	RADIATION
0	X-RAY (W) RADIATION
511863	ULTRAVIOLET
2081365	RADIATION
113763	ULTRAVIOLET (W) RADIATION
656091	UV
2081365	RADIATION
38771	UV (W) RADIATION
402853	VISIBLE
2081365	RADIATION
13939	VISIBLE (W) RADIATION
679314	INFRARED
2081365	RADIATION
43880	INFRARED (W) RADIATION
316286	MICROWAVE
2081365	RADIATION
17804	MICROWAVE (W) RADIATION
71474	RADIOFREQUENCY
2081365	RADIATION
3026	RADIOFREQUENCY (W) RADIATION
401170	RADIO
2706736	FREQUENCY
2081365	RADIATION
618	RADIO (W) FREQUENCY (W) RADIATION
401170	RADIO
1286363	WAVE
2081365	RADIATION
20	RADIO (W) WAVE (W) RADIATION
14039810	CELL
2048032	CYCLE
358004	REGULATOR
4193	CELL (W) CYCLE (W) REGULATOR
150013	CYCLIN
150013	CYCLIN
4406186	DEPENDENT
1566636	KINASE
65201	CYCLIN (W) DEPENDENT (W) KINASE
25623	CDK
1400	CDK7
5074	CDK5
3960	CDK6
135	CLK1
118	CKS2
244	LHX1
14039810	CELL
2048032	CYCLE
961871	REGULATED
1566636	KINASE
96	CELL (W) CYCLE (W) REGULATED (W) KINASE
1704	CDC20
25623	CDK
2082168	INHIBITOR
7723	CDK (W) INHIBITOR

310785 ACTIVATE  
 1644791 ACTIVATED  
 1016158 INDUCE  
 5501819 INCREASE  
 S10 17 ((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION)  
 OR (ULTRAVIOLET (W) RADIATION) OR (UV (W) RADIATION) OR  
 (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR  
 (MICROWAVE (W) RADIATION) OR (RADIOFREQUENCY  
 (W)RADIATION) OR (RADIO (W) FREQUENCY (W) RADIATION) OR  
 (RADIO (W) WAVE (W) RADIATION)) (S)((CELL (W) CYCLE (W)  
 REGULATOR) OR CYCLIN OR (CYCLIN (W) DEPENDENT (W) KINASE)  
 OR CDK OR CDK7 OR CDK5 OR CDK6 OR CLK1 OR CKS2 OR LHX1 OR  
 (CELL (W) CYCLE (W) REGULATED (W) KINASE) OR CDC20 OR  
 (CDK (W) INHIBITOR))(3N) (ACTIVATE OR ACTIVATED OR INDUCE  
 OR INCREASE))

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S11 8 RD (unique items)  
 ? t s11/free/1-11

11/8/1 (Item 1 from file: 5)  
 0013481919 BIOSIS NO.: 200200075430  
**Ultraviolet-B irradiation alters the cell cycle machinery in murine  
 epidermis in vivo**  
 2001

11/8/2 (Item 2 from file: 5)  
 0011564482 BIOSIS NO.: 199800358729  
**p21-induced cycle arrest in G1 protects cells from apoptosis induced by  
 UV-irradiation or RNA polymerase II blockage**  
 1998

11/8/3 (Item 3 from file: 5)  
 0010657174 BIOSIS NO.: 199799291234  
**Coexpression of p21-Wfa-f1/Cip1 and p53 in sun-exposed normal epidermis,  
 but not in neoplastic epidermis**  
 1996

11/8/4 (Item 1 from file: 34)  
 DIALOG(R)File 34:(c) 2006 The Thomson Corp. All rts. reserv.

05344735 Genuine Article#: VR617 Number of References: 20  
**Title: COEXPRESSION OF P21(WAF1/CIP1) AND P53 IN SUN-EXPOSED NORMAL  
 EPIDERMIS, BUT NOT IN NEOPLASTIC EPIDERMIS** (Abstract Available)  
 Journal Subject Category: DERMATOLOGY & VENEREAL DISEASES  
 Identifiers--KeyWords Plus: SQUAMOUS-CELL CARCINOMA; SKIN-CANCER;  
 EXPRESSION; PROTEIN; ACCUMULATION; MUTATIONS; INDUCTION; WAF1; CIP1;  
 P21  
 Research Fronts: 94-1665 002 (CYCLIN-DEPENDENT KINASE-4 INHIBITOR GENE;  
 GERMLINE P16 MUTATIONS IN FAMILIAL MELANOMA; HOMOZYGOUS DELETIONS)  
 94-6279 002 (P53 TUMOR-SUPPRESSOR GENE; EXHIBIT NORMAL G1 CELL-CYCLE  
 ARREST; POSTTRANSLATIONAL REGULATION)  
 94-1893 001 (P53 PROTEIN; EXPRESSION IN MALIGNANT-MELANOMA;  
 CARCINOGENESIS OF ESOPHAGEAL SQUAMOUS-CELL CARCINOMA)



94-3116 001 (P53 GENE; RAS MUTATIONS; PROGRESSION OF MOUSE SKIN TUMORS;  
SQUAMOUS-CELL CARCINOMAS)

11/8/5 (Item 1 from file: 35)  
02078442 ORDER NO: AADAA-I3170451  
Mechanisms of S checkpoint function in human cells  
Year: 2005

11/8/6 (Item 1 from file: 144)  
DIALOG(R)File 144:(c) 2006 INIST/CNRS. All rts. reserv.

12808931 PASCAL No.: 97-0022599  
Coexpression of p21 SUP W SUP a SUP f SUP l SUP / SUP C SUP i SUP p SUP l  
and p53 in sun-exposed normal epidermis, but not in neoplastic epidermis  
1996

English Descriptors: Ultraviolet irradiation; DNA; Ultraviolet radiation;  
Nevus; Erythema; Epidermis; Tissue culture; Immunohistochemistry;  
Exploration; Solar keratosis; Skin; Gene expression; Comparative study;  
Tumor suppressor gene; TP53 Gene

Broad Descriptors: Skin disease; Pathology; Dyskeratosis; Hyperkeratosis;  
Photodermatosis; Photosensitivity; Peau pathologie; Anatomopathologie;  
Dyskeratose; Hyperkeratose; Photodermatose; Photosensibilite; Piel  
patologia; Anatomia patologica; Disqueratosis; Hiperqueratosis;  
Fotodermatosis; Fotosensibilidad

French Descriptors: Irradiation UV; DNA; Rayonnement UV; Naevus; Erytheme;  
Epiderme; Culture tissu; Immunohistochimie; Exploration; Keratose solaire  
; Peau; Expression genique; Etude comparative; Gene supprimeur tumeur;  
Gene TP53; Gene P21

Classification Codes: 002B08A

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11/8/7 (Item 1 from file: 357)  
0367165 DBR Accession No.: 2005-12873  
Accelerating the cell cycle, useful for electromagnetic activation of gene  
expression and cell growth, comprises delivering to a cell an effective  
amount of electromagnetic energy to accelerate the cell cycle of the  
cell - cell cycle acceleration using electromagnetic energy for use in  
gene expression activation 2005

11/8/8 (Item 1 from file: 370)  
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

00508287 (USE 9 FOR FULLTEXT)  
Linkage of ATM to Cell Cycle Regulation by the Chk2 Protein Kinase  
Publication Date: 12-04-1998 (981204)  
Word Count: 2880  
Descriptors: Geochemistry and Geophysics  
? t sll/medium/1-4,6,8

---

11/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 The Thomson Corporation. All rts. reserv.



0013481919 BIOSIS NO.: 200200075430

**Ultraviolet-B irradiation alters the cell cycle machinery in murine epidermis in vivo**

AUTHOR: Berton Thomas R; Pavone Amy; Fischer Susan M (Reprint)

AUTHOR ADDRESS: Science Park Research Division, University of Texas M.D. Anderson Cancer Center, Smithville, TX, 78957, USA\*\*USA

JOURNAL: Journal of Investigative Dermatology 117 (5): p1171-1178  
November, 2001 2001

MEDIUM: print

ISSN: 0022-202X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**11/3/2 (Item 2 from file: 5)**

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 The Thomson Corporation. All rts. reserv.

0011564482 BIOSIS NO.: 199800358729

**p21-induced cycle arrest in G1 protects cells from apoptosis induced by UV-irradiation or RNA polymerase II blockage**

AUTHOR: Bissonnette N; Hunting D J

AUTHOR ADDRESS: MRC Group Radiation Sci., Faculte Med., Univ. Sherbrooke, Sherbrooke J1H 5N4, Canada\*\*Canada

JOURNAL: Oncogene 16 (26): p3461-3469 July 2, 1998 1998

MEDIUM: print

ISSN: 0950-9232

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**11/3/3 (Item 3 from file: 5)**

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 The Thomson Corporation. All rts. reserv.

0010657174 BIOSIS NO.: 199799291234

**Coexpression of p21-Wfa-f1/Cip1 and p53 in sun-exposed normal epidermis, but not in neoplastic epidermis**

AUTHOR: Inohara S; Kitagawa K; Kitano Y

AUTHOR ADDRESS: Dep. Dermatol., Hyogo Coll. Med., Nishinomiya, Hyogo 663, Japan\*\*Japan

JOURNAL: British Journal of Dermatology 135 (5): p717-720 1996 1996

ISSN: 0007-0963

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**11/3/4 (Item 1 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2006 The Thomson Corp. All rts. reserv.

05344735 Genuine Article#: VR617 No. References: 20

**Title: COEXPRESSION OF P21(WAF1/CIP1) AND P53 IN SUN-EXPOSED NORMAL EPIDERMIS, BUT NOT IN NEOPLASTIC EPIDERMIS**

Author(s): INOHARA S; KITAGAWA K; KITANO Y

Corporate Source: HYOGO MED UNIV,DEPT DERMATOL/NISHINOMIYA/HYOGO 663/JAPAN/

Journal: BRITISH JOURNAL OF DERMATOLOGY, 1996, V135, N5 (NOV), P717-720  
ISSN: 0007-0963  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

11/3/6 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2006 INIST/CNRS. All rts. reserv.

12808931 PASCAL No.: 97-0022599  
**Coexpression of p21 SUP W SUP a SUP f SUP l SUP / SUP C SUP i SUP p SUP l and p53 in sun-exposed normal epidermis, but not in neoplastic epidermis**  
INOHARA S; KITAGAWA K; KITANO Y  
Department of Dermatology, Hyogo College of Medicine, Nishinomiya, Hyogo 663, Japan  
Journal: British journal of dermatology : (1951), 1996, 135 (5) 717-720  
Language: English

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11/3/8 (Item 1 from file: 370)  
DIALOG(R)File 370:Science  
(c) 1999 AAAS. All rts. reserv.

00508287 (USE 9 FOR FULLTEXT)  
**Linkage of ATM to Cell Cycle Regulation by the Chk2 Protein Kinase**  
Matsuoka, Shuhei; Huang, Mingxia; Elledge, Stephen J.  
Howard Hughes Medical Institute, Verna and Marrs McLean Department of Biochemistry and Department of Molecular and Human Genetics, Baylor College of Medicine, One Baylor Plaza, Houston, TX 77030, USA.  
Science Vol. 282 5395 pp. 1893  
Publication Date: 12-04-1998 (981204) Publication Year: 1998  
Document Type: Journal ISSN: 0036-8075  
Language: English  
Section Heading: Reports  
Word Count: 2880  
? s ((electromagnetic (w) energy) or (X-ray (w) radiation) or (ultraviolet (w) radiation) or (UV (w) radiation) or (visible (w) radiation) or (infrared (w) radiation) or (microwave (w) radiation) or (radiofrequency (w) radiation) or (radio (w) frequency (w) radiation) or (radio (w) wave (w) radiation)) (s) (((signal (w) transduction (w) protein) or MAP3K11 or MAPK7 or ERK5 or MAPK5 or MEK5 or MEK1 or MEK2 or MEK3 or (MAP (w) kinase) or (BDIIF (w) tyr (w) kinase) or (serine (w) kinase) or (p68 (w) kinase) or PAK2 or SPS1 or ste20) (3n) (activate or activated or induce or increase))  
Processing  
Processed 10 of 29 files ...  
Processing  
Processing  
Processed 20 of 29 files ...  
Processing  
Completed processing all files  
451019 ELECTROMAGNETIC  
3486219 ENERGY  
3316 ELECTROMAGNETIC(W) ENERGY  
112397 X-RAY  
2081365 RADIATION  
0 X-RAY(W) RADIATION  
511863 ULTRAVIOLET  
2081365 RADIATION  
113763 ULTRAVIOLET(W) RADIATION

656091	UV
2081365	RADIATION
38771	UV (W) RADIATION
402853	VISIBLE
2081365	RADIATION
13939	VISIBLE (W) RADIATION
679314	INFRARED
2081365	RADIATION
43880	INFRARED (W) RADIATION
316286	MICROWAVE
2081365	RADIATION
17804	MICROWAVE (W) RADIATION
71474	RADIOFREQUENCY
2081365	RADIATION
3026	RADIOFREQUENCY (W) RADIATION
401170	RADIO
2706736	FREQUENCY
2081365	RADIATION
618	RADIO (W) FREQUENCY (W) RADIATION
401170	RADIO
1286363	WAVE
2081365	RADIATION
20	RADIO (W) WAVE (W) RADIATION
2204623	SIGNAL
883959	TRANSDUCTION
9234598	PROTEIN
15678	SIGNAL (W) TRANSDUCTION (W) PROTEIN
37	MAP3K11
24	MAPK7
1143	ERK5
4	MAPK5
494	MEK5
11261	MEK1
1048	MEK2
164	MEK3
600701	MAP
1566636	KINASE
84277	MAP (W) KINASE
0	BDIIF
109892	TYR
1566636	KINASE
0	BDIIF (W) TYR (W) KINASE
425035	SERINE
1566636	KINASE
3492	SERINE (W) KINASE
2805	P68
1566636	KINASE
362	P68 (W) KINASE
637	PAK2
252	SPS1
1896	STE20
310785	ACTIVATE
1644791	ACTIVATED
1016158	INDUCE
5501819	INCREASE
S12	40 ((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR (ULTRAVIOLET (W) RADIATION) OR (UV (W) RADIATION) OR (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICROWAVE (W) RADIATION) OR (RADIOFREQUENCY (W) RADIATION) OR (RADIO (W) FREQUENCY (W) RADIATION) OR (RADIO (W) WAVE (W) RADIATION)) (S) (((SIGNAL (W)

TRANSDUCTION (W) PROTEIN) OR MAP3K11 OR MAPK7 OR ERK5 OR  
MAPK5 OR MEK5 OR MEK1 OR MEK2 OR MEK3 OR (MAP (W) KINASE)  
OR (BDIIF (W) TYR (W) KINASE) OR (SERINE (W) KINASE) OR  
(P68 (W) KINASE) OR PAK2 OR SPS1 OR STE20) (3N) (ACTIVATE  
OR ACTIVATED OR INDUCE OR INCREASE))

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S13 10 RD (unique items)

? t s13/free/1-10

13/8/1 (Item 1 from file: 5)

0014316779 BIOSIS NO.: 200300271312

Mood-enhancing antidepressant St. John's wort inhibits the activation of  
human immunodeficiency virus gene expression by ultraviolet light.

2002

13/8/2 (Item 2 from file: 5)

0012522933 BIOSIS NO.: 200000241246

Role of the p38 and MEK-1/2/p42/44 MAP kinase pathways in the differential  
activation of human immunodeficiency virus gene expression by ultraviolet  
and ionizing radiation

2000

13/8/3 (Item 3 from file: 5)

0012410250 BIOSIS NO.: 200000128563

Inhibition of atypical PKC blocks ultraviolet-induced AP-1 activation by  
specifically inhibiting ERKs activation

2000

13/8/4 (Item 4 from file: 5)

0010514028 BIOSIS NO.: 199699148088

P38/RK is essential for stress-induced nuclear responses: JNK/SAPKs and  
c-Jun/ATF-2 phosphorylation are insufficient

1996

13/8/5 (Item 5 from file: 5)

0009752175 BIOSIS NO.: 199598220008

P53 Is phosphorylated in vitro and in vivo by an ultraviolet  
radiation-induced protein kinase characteristic of the c-Jun kinase, JNK1

1995

13/8/6 (Item 6 from file: 5)

0009204798 BIOSIS NO.: 199497226083

Phosphorylation of the tumor suppressor protein p53 by mitogen-activated  
protein kinases

1994

13/8/7 (Item 1 from file: 24)

DIALOG(R)File 24:(c) 2006 CSA. All rts. reserv.

0002090692

IP ACCESSION NO: 4708827

**Role of the p38 and MEK- one half /p42/44 MAP Kinase Pathways in the  
Differential Activation of Human Immunodeficiency Virus Gene Expression by  
Ultraviolet and Ionizing Radiation**  
PUBLICATION DATE: 2000

DESCRIPTORS: gamma Radiation; Gene expression; MAP kinase; U.V.  
radiation; SB203580; PD98059; p38 protein; cat gene; Human  
immunodeficiency virus  
IDENTIFIERS: HIV  
SUBJ CATG: 22002, AIDS: Molecular and in vitro aspects

**13/8/8 (Item 1 from file: 34)**  
DIALOG(R)File 34:(c) 2006 The Thomson Corp. All rts. reserv.

15129244 Genuine Article#: 040BK Number of References: 76  
**Title: Activation of p38 mitogen-activated protein kinase promotes  
epidermal growth factor receptor internalization (ABSTRACT AVAILABLE)**  
Publication date: 20060600  
Journal Subject Category: CELL BIOLOGY  
Descriptors--Author Keywords: anisomycin ; EGFR ; endocytosis ; p38 ; UV  
Identifiers--KeyWord Plus(R): INDUCED ERYTHROID-DIFFERENTIATION; TERNARY  
COMPLEX FACTORS; TUMOR-NECROSIS-FACTOR; MAP-KINASE; EGF RECEPTOR;  
SIGNAL-TRANSDUCTION; TYROSINE KINASES; DOWN-REGULATION; MEDIATED  
ENDOCYTOSIS; COATED PITS

**13/8/9 (Item 1 from file: 35)**  
01698223 ORDER NO: AAD99-24098  
**IDENTIFICATION, INTERACTIONS AND SPECIFICITY OF A NOVEL MAP KINASE KINASE,  
MKK7 (SIGNAL TRANSDUCTION, DROSOPHILA, STRESS ACTIVATED, EMBRYOGENESIS)**  
Year: 1999

**13/8/10 (Item 1 from file: 370)**  
DIALOG(R)File 370:(c) 1999 AAAS. All rts. reserv.

00507406 (USE 9 FOR FULLTEXT)  
**A Mammalian Scaffold Complex That Selectively Mediates MAP Kinase  
Activation**  
Publication Date: 9-11-1998 (980911)  
Word Count: 2518  
Descriptors: Chemistry  
? t sl3/medium/2-10

---

**13/3/2 (Item 2 from file: 5)**  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 The Thomson Corporation. All rts. reserv.

0012522933 BIOSIS NO.: 200000241246  
**Role of the p38 and MEK-1/2/p42/44 MAP kinase pathways in the differential  
activation of human immunodeficiency virus gene expression by ultraviolet  
and ionizing radiation**  
AUTHOR: Taher Mohiuddin M; Hershey Chad M; Oakley Jacqueline D; Valerie  
Kristoffer (Reprint)  
AUTHOR ADDRESS: Department of Radiation Oncology, Medical College of  
Virginia, Virginia Commonwealth University, 401 College Street, Richmond,  
VA, 23298-0058, USA\*\*USA  
JOURNAL: Photochemistry and Photobiology 71 (4): p455-459 April, 2000 2000  
MEDIUM: print

ISSN: 0031-8655  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

**13/3/3 (Item 3 from file: 5)**

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 The Thomson Corporation. All rts. reserv.

0012410250 BIOSIS NO.: 200000128563

**Inhibition of atypical PKC blocks ultraviolet-induced AP-1 activation by specifically inhibiting ERKs activation**

AUTHOR: Huang Chuanshu; Li Jingxia; Chen Nanyue; Ma Wei-ya; Bowden G Tim; Dong Zigang (Reprint)

AUTHOR ADDRESS: Hormel Institute, University of Minnesota, 801 16th Ave NE, Austin, MN, 55912, USA\*\*USA

JOURNAL: Molecular Carcinogenesis 27 (2): p65-75 Feb., 2000 2000

MEDIUM: print

ISSN: 0899-1987

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**13/3/4 (Item 4 from file: 5)**

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 The Thomson Corporation. All rts. reserv.

0010514028 BIOSIS NO.: 199699148088

**P38/RK is essential for stress-induced nuclear responses: JNK/SAPKs and c-Jun/ATF-2 phosphorylation are insufficient**

AUTHOR: Hazzalin Catherine A; Cano Eva; Cuenda Ana; Barratt Michael J; Cohen Philip; Mahadevan Louis C (Reprint)

AUTHOR ADDRESS: Nuclear Signalling Lab., Developmental Biol. Res. Centre, Randall Inst., King's Coll. London, 26-29 Drury Lane, London WC2B 5RL, UK \*\*UK

JOURNAL: Current Biology 6 (8): p1028-1031 1996 1996

ISSN: 0960-9822

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**13/3/5 (Item 5 from file: 5)**

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 The Thomson Corporation. All rts. reserv.

0009752175 BIOSIS NO.: 199598220008

**P53 Is phosphorylated in vitro and in vivo by an ultraviolet radiation-induced protein kinase characteristic of the c-Jun kinase, JNK1**

AUTHOR: Milne Diane M; Campbell Linda E; Campbell David G; Meek David W (Reprint)

AUTHOR ADDRESS: Biomed. Res. Cent., Ninewells Hosp. Med. Sch., Univ. Dundee, Dundee DD1 9SY, UK\*\*UK

JOURNAL: Journal of Biological Chemistry 270 (10): p5511-5518 1995 1995

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English



13/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 The Thomson Corporation. All rts. reserv.

0009204798 BIOSIS NO.: 199497226083  
**Phosphorylation of the tumor suppressor protein p53 by mitogen-activated protein kinases**  
AUTHOR: Milne Diane M; Campbell David G; Caudwell F Barry; Meek David W  
(Reprint)  
AUTHOR ADDRESS: Biomed. Research Centre, Ninewells Hosp. Med. Sch., Univ.  
Dundee, Dundee DD1 9SY, UK\*\*UK  
JOURNAL: Journal of Biological Chemistry 269 (12): p9253-9260 1994 1994  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

13/3/7 (Item 1 from file: 24)  
DIALOG(R)File 24:CSA Life Sciences Abstracts  
(c) 2006 CSA. All rts. reserv.

0002090692 IP ACCESSION NO: 4708827  
**Role of the p38 and MEK- one half /p42/44 MAP Kinase Pathways in the Differential Activation of Human Immunodeficiency Virus Gene Expression by Ultraviolet and Ionizing Radiation**

Taher, MM; Hershey, CM; Oakley, JD; Valerie, K\*  
Department of Radiation Oncology, 401 College Street, Medical College of Virginia, Virginia Commonwealth University, Richmond, VA 23298-0058, USA,  
[mailto:kvalerie@hsc.vcu.edu]

Photochemistry and Photobiology, v 71, n 4, p 455-459, April 2000  
PUBLICATION DATE: 2000

DOCUMENT TYPE: Journal Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
ISSN: 0031-8655  
FILE SEGMENT: Virology & AIDS Abstracts

13/3/8 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2006 The Thomson Corp. All rts. reserv.

15129244 Genuine Article#: 040BK No. References: 76  
**Title: Activation of p38 mitogen-activated protein kinase promotes epidermal growth factor receptor internalization**  
Author(s): Vergarajauregui S; San Miguel A; Puertollano R (REPRINT)  
Corporate Source: NHLBI,Cell Biol Lab, NIH,Bethesda//MD/20892 (REPRINT);  
NHLBI,Cell Biol Lab, NIH,Bethesda//MD/20892(puertolr@mail.nih.gov)  
Journal: TRAFFIC, 2006, V7, N6 (JUN), P686-698  
ISSN: 1398-9219 Publication date: 20060600  
Publisher: BLACKWELL PUBLISHING, 9600 GARSINGTON RD, OXFORD OX4 2DQ, OXON,  
ENGLAND  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)



13/3/9 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online  
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01698223 ORDER NO: AAD99-24098

**IDENTIFICATION, INTERACTIONS AND SPECIFICITY OF A NOVEL MAP KINASE KINASE,  
MKK7 (SIGNAL TRANSDUCTION, DROSOPHILA, STRESS ACTIVATED, EMBRYOGENESIS)**

Author: HOLLAND, PAMELA MARY

Degree: PH.D.

Year: 1999

Corporate Source/Institution: UNIVERSITY OF WASHINGTON (0250)

Source: VOLUME 60/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1590. 182 PAGES

13/3/10 (Item 1 from file: 370)

DIALOG(R)File 370:Science

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00507406 (USE 9 FOR FULLTEXT)

**A Mammalian Scaffold Complex That Selectively Mediates MAP Kinase**

**Activation**

Whitmarsh, Alan J.; Cavanagh, Julie; Tournier, Cathy; Yasuda, Jun; Davis, Roger J.

Program in Molecular Medicine, Department of Biochemistry and Molecular Biology, University of Massachusetts Medical School and Howard Hughes Medical Institute, Worcester, MA 01605, USA.

Science Vol. 281 5383 pp. 1671

Publication Date: 9-11-1998 (980911) Publication Year: 1998

Document Type: Journal ISSN: 0036-8075

Language: English

Section Heading: Reports

Word Count: 2518

? s ((electromagnetic (w) energy) or (X-ray (w) radiation) or (ultraviolet (w) radiation) or (UV (w) radiation) or (visible (w) radiation) or (infrared (w) radiation) or (microwave (w) radiation) or (radiofrequency (w) radiation) or (radio (w) frequency (w) radiation) or (radio (w) wave (w) radiation)) (s) ((DNA (w) synthesis (w) protein) or (DNA (w) helicase) or (DNA (w) Ligase) or (DNA (w) polymerase) or topoisomerase or (DNA (w) repair (w) enzyme)) (3n) (activate or activated or induce or increase))

>>>Unmatched parentheses

? s ((electromagnetic (w) energy) or (X-ray (w) radiation) or (ultraviolet (w) radiation) or (UV (w) radiation) or (visible (w) radiation) or (infrared (w) radiation) or (microwave (w) radiation) or (radiofrequency (w) radiation) or (radio (w) frequency (w) radiation) or (radio (w) wave (w) radiation)) (s) ((DNA (w) synthesis (w) protein) or (DNA (w) helicase) or (DNA (w) Ligase) or (DNA (w) polymerase) or topoisomerase or (DNA (w) repair (w) enzyme))) (3n) (activate or activated or induce or increase))

>>>Unmatched parentheses

? s ((electromagnetic (w) energy) or (X-ray (w) radiation) or (visible (w) radiation) or (infrared (w) radiation) or (microwave (w) radiation) or (radiofrequency (w) radiation) or (radio (w) frequency (w) radiation) or (radio (w) wave (w) radiation)) (s) ((DNA (w) synthesis (w) protein) or (DNA (w) helicase) or (DNA (w) Ligase) or (DNA (w) polymerase) or topoisomerase or (DNA adj repair adj enzyme)) (3n) (activate or activated or induce or increase))

>>>Unmatched parentheses

? s ((electromagnetic (w) energy) or (X-ray (w) radiation) or (visible (w) radiation) or (infrared (w) radiation) or (microwave (w) radiation) or (radiofrequency (w) radiation) or (radio (w) frequency (w) radiation) or (radio

(w) wave (w) radiation)) (s)(((DNA (w) synthesis (w) protein) or (DNA (w) helicase) or (DNA (w) Ligase) or (DNA (w) polymerase) or topoisomerase or (DNA adj repair adj enzyme)) (3n) (activate or activated or induce or increase))

Processing

Processing

Processed 10 of 29 files ...

Processing

Processing

Processed 20 of 29 files ...

Processing

Completed processing all files

451019 ELECTROMAGNETIC  
3486219 ENERGY  
3316 ELECTROMAGNETIC (W) ENERGY  
112397 X-RAY  
2081365 RADIATION  
0 X-RAY (W) RADIATION  
402853 VISIBLE  
2081365 RADIATION  
13939 VISIBLE (W) RADIATION  
679314 INFRARED  
2081365 RADIATION  
43880 INFRARED (W) RADIATION  
316286 MICROWAVE  
2081365 RADIATION  
17804 MICROWAVE (W) RADIATION  
71474 RADIOFREQUENCY  
2081365 RADIATION  
3026 RADIOFREQUENCY (W) RADIATION  
401170 RADIO  
2706736 FREQUENCY  
2081365 RADIATION  
618 RADIO (W) FREQUENCY (W) RADIATION  
401170 RADIO  
1286363 WAVE  
2081365 RADIATION  
20 RADIO (W) WAVE (W) RADIATION  
4912651 DNA  
6019214 SYNTHESIS  
9234598 PROTEIN  
1893 DNA (W) SYNTHESIS (W) PROTEIN  
4912651 DNA  
34617 HELICASE  
9906 DNA (W) HELICASE  
4912651 DNA  
77682 LIGASE  
10300 DNA (W) LIGASE  
4912651 DNA  
1424991 POLYMERASE  
144375 DNA (W) POLYMERASE  
78425 TOPOISOMERASE  
0 DNA ADJ REPAIR ADJ ENZYME  
310785 ACTIVATE  
1644791 ACTIVATED  
1016158 INDUCE  
5501819 INCREASE

S14 0 ((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICROWAVE (W) RADIATION) OR (RADIOFREQUENCY (W) RADIATION) OR (RADIO (W) FREQUENCY (W) RADIATION) OR (RADIO (W) WAVE (W) RADIATION)) (S)(((DNA (W) SYNTHESIS

(W) PROTEIN) OR (DNA (W) HELICASE) OR (DNA (W) LIGASE)  
OR (DNA (W) POLYMERASE) OR TOPOISOMERASE OR (DNA ADJ  
REPAIR ADJ ENZYME)) (3N) (ACTIVATE OR ACTIVATED OR INDUCE  
OR INCREASE))

? s ((electromagnetic (w) energy) or (X-ray (w) radiation) or (visible (w)  
radiation) or (infrared (w) radiation) or (microwave (w) radiation) or  
(radiofrequency (w) radiation) or (radio (w) frequency (w) radiation) or (radio  
(w) wave (w) radiation)) (s)((receptor or (angiotensin (w) receptor) or  
(tyrosine (w) kinase (w) receptor) or (thrombin (w) receptor) or (adenosine (w)  
receptor) or (angiotensin (w) receptor) or (ephrin (w) receptor) or (insulin  
(w) receptor) or (angiotensin (w) receptor) or (cell-cell (w) adhesion (w)  
receptor) or (matrix (w) adhesion (w) receptor) or (integrin) or (TGF (w) beta  
(w) receptor) or (pdgf a(w) receptor) or (tnf (w) receptor) or (potassium (w)  
channel) or (glucose (w) transporter) or (IGFBP1) or RAB6 or RAB5A or  
(adenylylcyclase (w) receptor)) (3n) (activate or activated or induce or  
increase))

Processing

Processing

Processing

Processed 10 of 29 files ...

Processing

Processing

Processing

Processing

Processing

Processed 20 of 29 files ...

Completed processing all files

451019	ELECTROMAGNETIC
3486219	ENERGY
3316	ELECTROMAGNETIC (W) ENERGY
112397	X-RAY
2081365	RADIATION
0	X-RAY (W) RADIATION
402853	VISIBLE
2081365	RADIATION
13939	VISIBLE (W) RADIATION
679314	INFRARED
2081365	RADIATION
43880	INFRARED (W) RADIATION
316286	MICROWAVE
2081365	RADIATION
17804	MICROWAVE (W) RADIATION
71474	RADIOFREQUENCY
2081365	RADIATION
3026	RADIOFREQUENCY (W) RADIATION
401170	RADIO
2706736	FREQUENCY
2081365	RADIATION
618	RADIO (W) FREQUENCY (W) RADIATION
401170	RADIO
1286363	WAVE
2081365	RADIATION
20	RADIO (W) WAVE (W) RADIATION
4197381	RECEPTOR
422900	ANGIOTENSIN
4197381	RECEPTOR
22344	ANGIOTENSIN (W) RECEPTOR
668554	TYROSINE
1566636	KINASE
4197381	RECEPTOR
16943	TYROSINE (W) KINASE (W) RECEPTOR

184008	THROMBIN
4197381	RECEPTOR
10948	THROMBIN (W) RECEPTOR
624763	ADENOSINE
4197381	RECEPTOR
36298	ADENOSINE (W) RECEPTOR
422900	ANGIOTENSIN
4197381	RECEPTOR
22344	ANGIOTENSIN (W) RECEPTOR
5205	EPHRIN
4197381	RECEPTOR
626	EPHRIN (W) RECEPTOR
1213683	INSULIN
4197381	RECEPTOR
59397	INSULIN (W) RECEPTOR
422900	ANGIOTENSIN
4197381	RECEPTOR
22344	ANGIOTENSIN (W) RECEPTOR
2301	CELL-CELL
723242	ADHESION
4197381	RECEPTOR
0	CELL-CELL (W) ADHESION (W) RECEPTOR
1318630	MATRIX
723242	ADHESION
4197381	RECEPTOR
29	MATRIX (W) ADHESION (W) RECEPTOR
142144	INTEGRIN
170356	TGF
4568018	BETA
4197381	RECEPTOR
7977	TGF (W) BETA (W) RECEPTOR
1	PDGF A
4197381	RECEPTOR
0	PDGF A (W) RECEPTOR
360490	TNF
4197381	RECEPTOR
21422	TNF (W) RECEPTOR
1195064	POTASSIUM
1085330	CHANNEL
89080	POTASSIUM (W) CHANNEL
1526943	GLUCOSE
237251	TRANSPORTER
38280	GLUCOSE (W) TRANSPORTER
633	IGFBP1
883	RAB6
506	RAB5A
1083	ADENYLYLCYCLASE
4197381	RECEPTOR
0	ADENYLYLCYCLASE (W) RECEPTOR
310785	ACTIVATE
1644791	ACTIVATED
1016158	INDUCE
5501819	INCREASE
S15	2 ((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICROWAVE (W) RADIATION) OR (RADIOFREQUENCY (W) RADIATION) OR (RADIO (W) FREQUENCY (W) RADIATION) OR (RADIO (W) WAVE (W) RADIATION)) (S) ((RECEPTOR OR (ANGIOTENSIN (W) RECEPTOR) OR (TYROSINE (W) KINASE (W) RECEPTOR) OR (THROMBIN (W) RECEPTOR) OR (ADENOSINE (W) RECEPTOR) OR (ANGIOTENSIN (W) RECEPTOR) OR (EPHRIN (W)

RECEPTOR) OR (INSULIN (W) RECEPTOR) OR (ANGIOTENSIN (W)RECEPTOR) OR (CELL-CELL (W) ADHESION (W) RECEPTOR) OR (MATRIX (W) ADHESION (W) RECEPTOR) OR (INTEGRIN) OR (TGF (W) BETA (W) RECEPTOR) OR (PDGF A(W)RECEPTOR) OR (TNF (W) RECEPTOR) OR (POTASSIUM (W) CHANNEL) OR (GLUCOSE (W) TRANSPORTER) OR (IGFBP1) OR RAB6 OR RAB5A OR (ADENYLYLCYCLASE (W) RECEPTOR)) (3N) (ACTIVATE OR ACTIVATED OR INDUCE OR INCREASE))

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S16 1 RD (unique items)

? t sl6/free

16/8/1 (Item 1 from file: 5)

0008892776 BIOSIS NO.: 199396057192

**Electro-magnetic fields in the home environment (color TV, computer monitor, microwave oven, cellular phone, etc) as potential contributing factors for the induction of Oncogen C-fos Ab1, Oncogen C-fos Ab2, integrin alpha-5-beta-1 and development of cancer, as well as effects of microwave on amino acid composition of food and living human brain**

1993

? save temp

Temp SearchSave "TF27132041" stored

? ds

Set	Items	Description
S1	4081	((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR (ULTRAVIOLET (W) RADIATION) OR (UV (W) RADIATION) OR (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICROWAVE (W) - RADIATION) OR (RADIOFREQUENCY (W)RADIATION) OR (RADIO (W) FRE- QUENCY (W) R
S2	1627	((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR (ULTRAVIOLET (W) RADIATION) OR (UV (W) RADIATION) OR (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICROWAVE (W) - RADIATION) OR (RADIOFREQUENCY (W)RADIATION) OR (RADIO (W) FRE- QUENCY (W) R
S3	93	S2 AND ((CELL (W) CYCLE (W) REGULATOR) OR (SIGNAL (W) TRA- NSDUCTION (W) PROTEIN) OR (TRANSCRIPTION (W) FACTOR) OR (DNA - (W) SYNTHESIS (W) PROTEIN) OR (ANGIOTENSIN (W) RECEPTOR))
S4	8	S3 AND FIBROBLAST
S5	6	RD (unique items)
S6	8	S2 AND (((CELL (W) CYCLE (W) REGULATOR) OR (SIGNAL (W) TR- ANSDUCTION (W) PROTEIN) OR (TRANSCRIPTION (W) FACTOR) OR (DNA (W) SYNTHESIS (W) PROTEIN) OR (ANGIOTENSIN (W) RECEPTOR)) (3- N) (ACTIVATE OR ACTIVATION OR INCREASE OR INDUCE))
S7	3	RD (unique items)
S8	77	((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICR- OWAVE (W) RADIATION) OR (RADIOFREQUENCY (W)RADIATION) OR (RAD- IO (W) FREQUENCY (W) RADIATION) OR (RADIO (W) WAVE (W) RADIAT- ION)) (S) ((C
S9	1	S8 AND (((CELL (W) CYCLE (W) REGULATOR) OR (SIGNAL (W) TR- ANSDUCTION (W) PROTEIN) OR (TRANSCRIPTION (W) FACTOR) OR (DNA (W) SYNTHESIS (W) PROTEIN) OR (ANGIOTENSIN (W) RECEPTOR)) (3- N) (ACTIVATE OR ACTIVATION OR INCREASE OR INDUCE))
S10	17	((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR (ULTRAVIOLET (W) RADIATION) OR (UV (W) RADIATION) OR (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICROWAVE (W) -

RADIATION) OR (RADIOFREQUENCY (W)RADIATION) OR (RADIO (W) FRE-  
 QUENCY (W) R  
 S11 8 RD (unique items)  
 S12 40 ((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR  
 (ULTRAVIOLET (W) RADIATION) OR (UV (W) RADIATION) OR (VISIBLE  
 (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICROWAVE (W) -  
 RADIATION) OR (RADIOFREQUENCY (W)RADIATION) OR (RADIO (W) FRE-  
 QUENCY (W) R  
 S13 10 RD (unique items)  
 S14 0 ((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR  
 (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICR-  
 OWAVE (W) RADIATION) OR (RADIOFREQUENCY (W)RADIATION) OR (RAD-  
 IO (W) FREQUENCY (W) RADIATION) OR (RADIO (W) WAVE (W) RADIAT-  
 ION)) (S)((D  
 S15 2 ((ELECTROMAGNETIC (W) ENERGY) OR (X-RAY (W) RADIATION) OR  
 (VISIBLE (W) RADIATION) OR (INFRARED (W) RADIATION) OR (MICR-  
 OWAVE (W) RADIATION) OR (RADIOFREQUENCY (W)RADIATION) OR (RAD-  
 IO (W) FREQUENCY (W) RADIATION) OR (RADIO (W) WAVE (W) RADIAT-  
 ION)) (S)((RE  
 S16 1 RD (unique items)

? logoff

14jul06 15:07:22 User276741 Session D162.2  
 \$67.52 11.444 DialUnits File5  
 \$24.60 12 Type(s) in Format 3  
 \$0.00 13 Type(s) in Format 6  
 \$24.60 25 Types  
 \$92.12 Estimated cost File5  
 \$15.63 2.521 DialUnits File24  
 \$2.50 1 Type(s) in Format 3  
 \$0.00 1 Type(s) in Format 8  
 \$2.50 2 Types  
 \$18.13 Estimated cost File24  
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 \$1.82 Estimated cost File28  
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 \$208.16 Estimated cost File34  
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 \$1.70 Estimated cost File41  
 \$7.00 1.522 DialUnits File50  
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 \$0.00 1 Type(s) in Format 6  
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 \$0.84 Estimated cost File91



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      $4.95  5 Types
$32.62 Estimated cost File144
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$0.00 Estimated cost File391
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$0.97 Estimated cost File467
OneSearch, 29 files, 65.470 DialUnits FileOS
$10.66 TELNET
$647.81 Estimated cost this search
$647.84 Estimated total session cost  65.688 DialUnits

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Logoff: level 05.12.03 D 15:07:22

You are now logged off



10/75-9,526 LLW  
7/14/2006

## EAST Search History

S2	2	"6353763".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 09:53
S3	2	"7024239".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 09:05
S4	2	"6974961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 09:09
S5	2	"6334069".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 09:09
S6	3486	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) and ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 09:59
S7	352	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:35

## EAST Search History

S8	0	((electromagnetic adj energy) and ( (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)))) same ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 09:59
S9	8	((electromagnetic ) and ( (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)))) same ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 09:59
S10	729	((electromagnetic ) and ( (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)))) and ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:53
S11	422	S10 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:37
S13	3	S9 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:01

## EAST Search History

S14	37	((electromagnetic ) and ( (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)))) and (((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis) with (accelerat\$\$ or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:01
S15	21	S14 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:19
S16	23	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis) with (accelerat\$\$ or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:25
S17	15	S16 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:26
S18	12	S17 and fibroblast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:52
S19	4	S18 and ((cell adj cycle adj regulator) or (signal adj transduction adj protein) or (transcription adj factor) or (DNA adj synthesis adj protein) or receptor or (angiotensin adj receptor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:25

## EAST Search History

S20	4	S17 and ((cell adj cycle adj regulator) or (signal adj transduction adj protein) or (transcription adj factor) or (DNA adj synthesis adj protein) or receptor or (angiotensin adj receptor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:48
S21	286	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same ((cell adj cycle adj regulator) or (signal adj transduction adj protein) or (transcription adj factor) or ((DNA adj synthesis adj protein) or receptor or (angiotensin adj receptor)) with (activate or activation or increase or induce))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:27
S22	151	S21 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:28
S23	82	S22 and ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:28
S24	0	((electromagnetic adj energy) and ((X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation))) same ((cell adj cycle adj regulator) or (signal adj transduction adj protein) or (transcription adj factor) or ((DNA adj synthesis adj protein) or receptor or (angiotensin adj receptor)) with (activate or activation or increase or induce))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:28

## EAST Search History

S25	105	((electromagnetic adj energy) and ((X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation))) and ((cell adj cycle adj regulator) or (signal adj transduction adj protein) or (transcription adj factor) or ((DNA adj synthesis adj protein) or receptor or (angiotensin adj receptor)) with (activate or activation or increase or induce))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:30
S26	67	S25 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:30
S27	22	S26 and ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:10
S28	6	((electromagnetic adj energy) and ((X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation))) and (((cell adj cycle adj regulator) or (signal adj transduction adj protein) or (transcription adj factor) or ((DNA adj synthesis adj protein) or receptor or (angiotensin adj receptor)) with (activate or activation or increase or induce)) same ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:48
S29	1	S28 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:31

## EAST Search History

S30	56	((electromagnetic adj energy) and ((X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation))) and ((cell adj cycle adj regulator) or (signal adj transduction adj protein) or (transcription adj factor) or ((DNA adj synthesis adj protein) or receptor or (angiotensin adj receptor)) near (activate or activation or increase or induce))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:31
S31	32	S30 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:31
S32	148	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis) and ((cell adj cycle adj regulator) or (signal adj transduction adj protein) or (transcription adj factor) or (DNA adj synthesis adj protein) or receptor or (angiotensin adj receptor)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:05
S33	70	S32 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:09

## EAST Search History

S34	99	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis) and (((cell adj cycle adj regulator) or (signal adj transduction adj protein) or (transcription adj factor) or (DNA adj synthesis adj protein) or receptor or (angiotensin adj receptor))) near (activate or activation or increase or induce))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:59
S35	2	"6719778".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:52
S36	1	S35 and (((electromagnetic ) and (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)))) and ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:53
S37	2	"20030073888"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:59



## EAST Search History

S38	1022	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle adj regulator) or cyclin or (cyclin adj dependent adj kinase) or cdK or cdk7 or cdk5 or cdk6 or clk1 or cks2 or LHx1 or (cell cycle adj regulated adj kinase) or cdc20 or (CDK adj inhibitor)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:10
S39	630	S38 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:10
S40	245	S39 and ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:30
S41	64	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle adj regulator) or cyclin or (cyclin adj dependent adj kinase) or cdK or cdk7 or cdk5 or cdk6 or clk1 or cks2 or LHx1 or (cell cycle adj regulated adj kinase) or cdc20 or (CDK adj inhibitor)) with (activate or activated or induce or increase)) same ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:19
S42	49	S41 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:11

## EAST Search History

S43	19	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle adj regulator) or cyclin or (cyclin adj dependent adj kinase) or cdK or cdk7 or cdk5 or cdk6 or clk1 or cks2 or LHx1 or (cell cycle adj regulated adj kinase) or cdc20 or (CDK adj inhibitor)) with (activate or activated or induce or increase)) same ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:13
S44	14	S43 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:13
S45	20	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle adj regulator) or cyclin or (cyclin adj dependent adj kinase) or cdK or cdk7 or cdk5 or cdk6 or clk1 or cks2 or LHx1 or (cell cycle adj regulated adj kinase) or cdc20 or (CDK adj inhibitor)) with (activate or activated or induce or accelerate or increase)) same ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:15
S46	14	S45 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:16

## EAST Search History

S47	404	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle adj regulator) or cyclin or (cyclin adj dependent adj kinase) or cdK or cdk7 or cdk5 or cdk6 or clk1 or cks2 or LHx1 or (cell cycle adj regulated adj kinase) or cdc20 or (CDK adj inhibitor)) with (activate or activated or induce or accelerate or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:16
S48	248	S47 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:20
S52	1	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle adj regulator) or cyclin or (cyclin adj dependent adj kinase) or cdK or cdk7 or cdk5 or cdk6 or clk1 or cks2 or LHx1 or (cell adj cycle adj regulated adj kinase) or cdc20 or (CDK adj inhibitor)) with (activate or activated or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:19

## EAST Search History

S53	5	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle adj regulator) or cyclin or (cyclin adj dependent adj kinase) or cdK or cdk7 or cdk5 or cdk6 or clk1 or cks2 or LHx1 or (cell adj cycle adj regulated adj kinase) or cdc20 or (CDK adj inhibitor)) with (activate or activated or induce or increase)) same ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:25
S54	3	S53 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:26
S55	6	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((cell adj cycle adj regulator) or cyclin or (cyclin adj dependent adj kinase) or cdK or cdk7 or cdk5 or cdk6 or clk1 or cks2 or LHx1 or (cell adj cycle adj regulated adj kinase) or cdc20 or (CDK adj inhibitor)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:27
S56	3	S55 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:29

## EAST Search History

S57	89	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((signal adj transduction adj protein) or MAP3K11 or MAPK7 or ERK5 or MAPK5 or MEK5 or MEK1 or MEK2 or MEK3 or (MAP adj kinase) or (BDIIF adj tyr adj kinase) or (serine adj kinase) or (p68 adj kinase) or PAK2 or SPS1 or ste20) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:49
S58	46	S57 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:01
S59	0	((electromagnetic adj energy) and ((X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation))) same (((signal adj transduction adj protein) or MAP3K11 or MAPK7 or ERK5 or MAPK5 or MEK5 or MEK1 or MEK2 or MEK3 or (MAP adj kinase) or (BDIIF adj tyr adj kinase) or (serine adj kinase) or (p68 adj kinase) or PAK2 or SPS1 or ste20) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:29
S60	28	S58 and ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:49

## EAST Search History

S61	2	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((signal adj transduction adj protein) or MAP3K11 or MAPK7 or ERK5 or MAPK5 or MEK5 or MEK1 or MEK2 or MEK3 or (MAP adj kinase) or (BDIIF adj tyr adj kinase) or (serine adj kinase) or (p68 adj kinase) or PAK2 or SPS1 or ste20) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:44
S62	1	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((transcription adj factor) or c-jun or (early adj response adj protein) or TFIIB) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:48
S63	91	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((transcription adj factor) or c-jun or (early adj response adj protein) or TFIIB) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:59
S64	59	S63 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:49
S65	44	S64 and ((cell adj cycle) or (cell adj proliferation) or (cell adj division) or mitosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:50



## EAST Search History

S66	10	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((DNA adj synthesis adj protein) or (DNA adj helicase) or (DNA adj Ligase) or (DNA adj polymerase) or topoisomerase or (DNA adj repair adj enzyme)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:04
S67	5	S66 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:23
S68	99	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same ((receptor or (angiotensin adj receptor) or (tyrosine adj kinase adj receptor) or (thrombin adj receptor) or (adenosine adj receptor) or (angiotensin adj receptor) or (ephrin adj receptor) or (insulin adj receptor) or (angiotensin adj receptor) or (cell-cell adj adhesion adj receptor) or (matrix adj adhesion adj receptor) or (integrin) or (TGF adj beta adj receptor) or (pdgf adj receptor) or (tnf adj receptor) or (potassium adj channel) or (glucose adj transporter) or (IGFBP1) or RAB6 or RAB5A or (adenylylcyclase adj receptor)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:29
S69	61	S68 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:23

## EAST Search History

S70	30	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same ((receptor or (angiotensin adj receptor) or (tyrosine adj kinase adj receptor) or (thrombin adj receptor) or (adenosine adj receptor) or (angiotensin adj receptor) or (ephrin adj receptor) or (insulin adj receptor) or (angiotensin adj receptor) or (cell-cell adj adhesion adj receptor) or (matrix adj adhesion adj receptor) or (integrin) or (TGF adj beta adj receptor) or (pdgf adj receptor) or (tnf adj receptor) or (potassium adj channel) or (glucose adj transporter) or (IGFBP1) or RAB6 or RAB5A or (adenylylcyclase adj receptor)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:26
S71	17	S70 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:28

## EAST Search History

S72	0	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (((angiotensin adj receptor) or (tyrosine adj kinase adj receptor) or (thrombin adj receptor) or (adenosine adj receptor) or (angiotensin adj receptor) or (ephrin adj receptor) or (insulin adj receptor) or (angiotensin adj receptor) or (cell-cell adj adhesion adj receptor) or (matrix adj adhesion adj receptor) or (integrin) or (TGF adj beta adj receptor) or (pdgf adj receptor) or (tnf adj receptor) or (potassium adj channel) or (glucose adj transporter) or (IGFBP1) or RAB6 or RAB5A or (adenylylcyclase adj receptor)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:28
S73	6	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (( (angiotensin adj receptor) or (tyrosine adj kinase adj receptor) or (thrombin adj receptor) or (adenosine adj receptor) or (angiotensin adj receptor) or (ephrin adj receptor) or (insulin adj receptor) or (angiotensin adj receptor) or (cell-cell adj adhesion adj receptor) or (matrix adj adhesion adj receptor) or (integrin) or (TGF adj beta adj receptor) or (pdgf adj receptor) or (tnf adj receptor) or (potassium adj channel) or (glucose adj transporter) or (IGFBP1) or RAB6 or RAB5A or (adenylylcyclase adj receptor)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:21

## EAST Search History

S74	3	S73 and @ad<"20030122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:28
S75	2	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same ((angiotensin adj receptor) with (inhibit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:28
S76	2	((electromagnetic adj energy) or (X-ray adj radiation) or (ultraviolet adj radiation) or (UV adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same ((angiotensin adj receptor) with (inhibit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 13:06

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	((electromagnetic adj energy) or (X-ray adj radiation) or (visible adj radiation) or (infrared adj radiation) or (microwave adj radiation) or (radiofrequency adj radiation) or (radio adj frequency adj radiation) or (radio adj wave adj radiation)) same (( (angiotensin adj receptor) or (tyrosine adj kinase adj receptor) or (thrombin adj receptor) or (adenosine adj receptor) or (angiotensin adj receptor) or (ephrin adj receptor) or (insulin adj receptor) or (angiotensin adj receptor) or (cell-cell adj adhesion adj receptor) or (matrix adj adhesion adj receptor) or (integrin) or (TGF adj beta adj receptor) or (pdgf adj receptor) or (tnf adj receptor) or (potassium adj channel) or (glucose adj transporter) or (IGFBP1) or RAB6 or RAB5A or (adenylylcyclase adj receptor)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:22

## EAST Search History

L3	0	((electromagnetic adj (radiation or energy)) or (X-ray adj (radiation or energy)) or (visible adj (radiation or energy)) or (infrared adj (radiation or energy)) or (microwave adj (radiation or energy)) or (radiofrequency adj (radiation or energy)) or (radio adj frequency adj (radiation or energy)) or (radio adj wave adj(radiation or energy))) same (( (angiotensin adj receptor) or (tyrosine adj kinase adj receptor) or (thrombin adj receptor) or (adenosine adj receptor) or (angiotensin adj receptor) or (ephrin adj receptor) or (insulin adj receptor) or (angiotensin adj receptor) or (cell-cell adj adhesion adj receptor) or (matrix adj adhesion adj receptor) or (integrin) or (TGF adj beta adj receptor) or (pdgf adj receptor) or (tnf adj receptor) or (potassium adj channel) or (glucose adj transporter) or (IGFBP1) or RAB6 or RAB5A or (adenylylcyclase adj receptor)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:23
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## EAST Search History

L4	0	((electromagnetic adj (radiation or energy)) or (X-ray adj (radiation or energy)) or (visible adj (radiation or energy)) or (infrared adj (radiation or energy)) or (microwave adj (radiation or energy)) or (radiofrequency adj (radiation or energy)) or (radio adj frequency adj (radiation or energy)) or (radio adj wave adj(radiation or energy))) same (((angiotensin adj receptor) or (tyrosine adj kinase adj receptor) or (thrombin adj receptor) or (adenosine adj receptor) or (angiotensin adj receptor) or (ephrin adj receptor) or (insulin adj receptor) or (angiotensin adj receptor) or (cell-cell adj adhesion adj receptor) or (matrix adj adhesion adj receptor) or (integrin) or (TGF adj beta adj receptor) or (pdgf adj receptor) or (tnf adj receptor) or (potassium adj channel) or (glucose adj transporter) or (IGFBP1) or RAB6 or RAB5A or (adenylylcyclase adj receptor)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:24
L5	1	((electromagnetic adj (radiation or energy)) or (X-ray adj (radiation or energy)) or (visible adj (radiation or energy)) or (infrared adj (radiation or energy)) or (microwave adj (radiation or energy)) or (radiofrequency adj (radiation or energy)) or (radio adj frequency adj (radiation or energy)) or (radio adj wave adj(radiation or energy))) same (((DNA adj synthesis adj protein) or (DNA adj helicase) or (DNA adj Ligase) or (DNA adj polymerase) or topoisomerase or (DNA adj repair adj enzyme)) with (activate or activated or induce or increase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:24
S1	2	"20050059153"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 08:59